Peak District National Park

Forecast valid from 00:00 on Monday 09 May 2022 until 23:59 on Tuesday 10 May 2022

Forecast Issued on Sunday 08 May 2022 at 14:56

Confidence: High confidence for a transition to more unsettled and slightly cooler conditions this week, but some uncertainty regarding timing and clearance of rain on Monday night/Tuesday morning. Large uncertainties regarding low and outbreaks of rain Wednesday/Thursday.

Headline for Monday 09 May 2022: A bright start, but becoming increasingly cloudy and windy, with rain possible later.

Mountain weather hazards on Monday 09 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Sunny	Sunny	Sunny intervals	Cloudy	Cloudy	Cloudy
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	10%	20%	30%

Forecast for Monday 09 May 2022

Weather: Light winds and predominantly clear skies overnight, may allow some patches of mist and fog to form in valleys by dawn. These soon clearing to leave a dry and largely sunny morning. Becoming increasingly cloudy and breezy through the afternoon, with the odd spot of rain possible during the evening, most likely across the northwest of the region.

Chance of cloud-free hill tops above 600m: Generally 90-100% but 60-70% during the early morning and late evening.

Low cloud and visibility: Cloud generally above the summits with good or very good visibility. However, patches of valley mist and fog may produce some temporary reductions on higher slopes as it lifts and breaks during the early morning. Cloud lowering through the evening, with patches down to 500-600m.

Forecast for Monday 09 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/26 SE	16/24 S	16/24 S	17/25 S	20/29 S	22/31 SW	21/30 SW	22/34 SW	25/37 SW
300	15/25 SE	14/22 S	11/18 S	14/20 S	17/26 S	17/28 SW	15/24 SW	17/28 SW	19/31 SW
Valley	8/21 SE	7/19 SE	7/17 SE	10/20 S	13/25 S	14/28 S	12/27 SW	12/28 SW	14/30 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	10/6	9/5	10/6	12/8	13/9	12/8	10/6	9/4
300	10/7	10/7	10/8	12/9	14/11	16/12	14/12	12/9	11/8
Valley	11/9	10/8	10/9	13/11	16/13	16/14	15/12	12/10	11/9
Freezing Level*	1900m	1900m	1800m	1800m	1900m	2000m	2200m	2600m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 35-45mph possible over summits and high ridges during the afternoon and evening. Moderate to high UV levels, sun screen advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 07 May 2022	11.4mm	11.4mm	12.2mm

Forecast for Tuesday 10 May 2022

Weather: Cloud and patchy light rain and drizzle clearing southeastwards early on Tuesday morning. Largely dry with sunny spells thereafter, but a few showers developing in the afternoon. These dying away through the early evening to leave a dry night. Feeling cooler than of late with brisk winds.

Maximum wind: West/southwest 25-35mph gusting 40-50mph.

Chance of cloud-free hill tops above 600m: 30-40% increasing to around 90% shortly after dawn.

Low cloud and visibility: Extensive cloud with bases 500-700m initially, breaking and lifting above the summits shortly after dawn. However, isolated patches down to 500m are possible in association with showers. Visibility reducing to 5-10km in rain, drizzle or showers.

Temperature: **Valleys:** 11 deg C becoming 18 deg C
At 600m: 9-11 deg C
Freezing level: Above the summits.